

CLAIMS

1. Metal plate comprising a peripheral edge (4), as well as opposite first (2) and second (3) surfaces, characterized in that at least one sheaf (5) of a plurality of grooves (6, 7, 8) obtained by pressing, which are rectilinear, parallel to one another, grouped, linking together two portions of said peripheral edge (4) and each delimited by a wall of globally dihedral shape (9, 10, 11), is made in said first surface (2) of the metal plate.
2. Plate according to Claim 1, characterized in that the or each pair of consecutive grooves of said sheaf (5) delimits a band (14) of the plate, this band (14) being convex towards said second surface (3).
3. Plate according to Claim 1 or 2, characterized in that at least one of the dihedra (9, 11) comprises a first surface (12) which is located more towards the inside of the sheaf (5) than the second surface (13) of this dihedron (9, 11), the angle formed by the first surface (12) of the dihedron (9, 11) and a plane (P_2) globally perpendicular to the plate being smaller than the angle (α) formed by the second surface (13) of the dihedron (9, 11) and said plane (P_2).
4. Plate according to any one of the preceding Claims, characterized in that each of the grooves (6, 7, 8) of the sheaf (5) contains an adhesive (21), at least a portion of the first surface (2) of the plate being coated with a sealing film (22) laterally obturating these grooves (6, 7, 8).
5. Plate according to any one of the preceding Claims, characterized in that it is folded along the

sheaf (5) of grooves (6, 7, 8), the two surfaces of each dihedron (9, 10, 11) being glued together.

6. Method for making a plate (1) according to any one of the preceding Claims, characterized in that it comprises a step in which:

5 (a) the sheaf (5) of a plurality of grooves (6, 7, 8) is made by pressing the plate between a first element (17) and a second element (18) which bears a sheaf of a plurality of ribs (19) for forming the grooves.

7. Method according to Claim 6, for making a plate (1) according to Claim 2, characterized in that said band (14) is rendered convex towards the second
10 surface (3) of the plate (1) by effecting step (a), the first element (17) bearing at least one groove (20) for forming said band (14).

8. Method for folding a metal plate, characterized in that the metal plate (1) is according to any one of Claims 1 to 4 and in that it comprises a step in which:

(b) in the plate (1), a fold (16) is formed along the sheaf (5) of grooves (6,
15 7, 8), so that these grooves and the concavity of the fold (16) are on the same side of the plate (1).

9. Method according to Claim 8, characterized in that step (b) is effected manually.

10. Method according to Claim 8 or 9, characterized in that, before step (b),
20 an adhesive (A; 21) is applied to the inside of each of the grooves (6, 7, 8) of the sheaf (5).

11. Method according to one of Claims 8 to 10, characterized in that, before step (b), it comprises a method according to one of Claims 6 or 7.